

Tuesday, December 9, 1930

Vol. VI No. 11

Armour Institute of Technology, Chicago, Illinois

ANNUAL CONCERT BY TECH MUSICAL CLUBS NEXT WEEK

Most Students to Hear Armour Organ for First Time

PLAN NOVEL PROGRAM

The outstanding musical program of the fall semester will be given at the annual Christmas Concert by the Glee Club, Orchesthe Assembly Hall.

The Glee Club, under the directhese fraternities are invited. tion of Dr. Daniel Protheroe, will "Winter Song" are features.

The orchestra, in addition to other numbers, will present a medley of Christmas carols.

The Stress and Strains will also be represented on the program.

A baritone solo by G. H. Burhop, an oboe solo, and an organ solo by H. E. Chandler will be some of the striking novelties. The organ solo will consist of several Christmas carols. The Armour organ has not been played for an assembly in many years and hearing it will be worth while.

The program is being arranged by the officers of the Armour Tech Musical Clubs who are as follows: President, W. A. Schrader, '31. Vice President, F. O'Conor, 31. Secretary, F. F. Strassenburg, '31. Treasurer, A. Weston, '32.

Business Manager, E. W. Carlton

Science Lecture Impresses A. I. T.

to be of the utmost interest to everyone. This is the first time that a demonstration and lecture of this nature was given to Armour stu- The Rifle Team beat the team and tests.

Among the highlights of the beginning of the season. demonstrations were powerful dis- | The series of matches against | entire audience was well pleased and Dr. Thomas was busy answering questions for an hour after the lecture.

Turn-Out At Party Reduced By Weather

there were not as many present as | tects' entertainment committee. were expected.

sandwiches since arrangements gathering of the members of the were made for about twice as many Architectural organization. In admen. The main attraction of the dition to the Armour Glee Clubs' evening was a gigantic piggie game, | contribution to the latter, several in which honors went to Alexis professional vaudeville stunts and Sokoloff. He took his paddling like numbers by well known radio stars a man. Jack Cavanagh and Jim will be given. Clear, self-styled pinochle begin-Moore and Bonvallet.

The evening's entertainment ceased at about 10:30 o'clock.

Honoraries Planning Banquet for Dec. 19

Plans are being made for a joint time are Tau Beta Fi, engineering for the following: fraternity; Pi Tau Sigma, mechanical engineering fraternity; Phi Lambda Upsilon, chemical fraternity; Chi Epsilon, civil fraternity, and Salamander, fire protection fraternity.

decided upon, but Charles Link and Mr. Fitzhugh Taylor assisted in the class. Features equally as interest-Fred Attwood, who are in charge of proceedings. tra, and Stress and Strains on the affair, will make arrangements Thursday, December 13 at 10:30 in the early part of this week. Facthe Assembly Hall. the early part of this week. Facthe Assembly Hall.

The tentative program includes give a program of eight numbers, in addition to the food, several of which "Passing By" and the reels of motion pictures and a talk by a prominent Chicago engineer.

Alpha Chi Sigma Plans Initiation

Six members of Flask and Beaker fraternity attended a dinner given by the Northwestern University chapter of Alpha Chi Sigma at the Evanston Y. M. C. A. on Thursday, December 4.

installation of Alpha Psi chapter | piece of property. According to the at Armour, on Saturday, December speaker, one of the most important 13. The ceremonies will take place considerations is the character and in the Armour Mission building in efficiency of the manager of the the afternoon and evening under property to be insured. A man-ofthe direction of the members of indecisive character cannot mainthe Upsilon chapter of Northwestern. Members of the Chicago pro- his employees, thus appreciably infessional chapter will also be creasing the danger of fire. present, and delegates from other nearby collegiate chapters.

in the Chicago region.

Wednesday, November 25, proved Rifle Team Humbles

dents. Dr. Phillips Thomas, the representing the Massachusetts Inlecturer, held the attention of the stitute of Technology in a postal sources of the insurance company. embryo engineers to the last mo-|meet, held last week by the score| ment. Through his affiliation with of 1839 to 1827. The boys on the the Westinghouse Company, Dr. team were inspired in shooting Thomas has studied, made research against our old rivals with the reand has aided in the perfection of sults shown above. The targets the grid glow tube which has turned in by all the men on the made possible many new processes team showed a marked improvement over those turned in at the

charges of artificial lightning, per- the New York Stock Exchange was fect synchronization of bulb flashes lost to the New Yorkers by a slight with a fan revolving at the rate of margin. One of the decisive meets four thousand r. p. m., and Rastus of the series was held during the Robot, the mechanical man. The week before the Thanksgiving holi-

(Continued on page three)

Glee Club to Sing at Architects' Club

The Armour Glee Club, under the direction of Dr. Daniel Protherce, will give a repetition of its Christ-Only sixteen members were pres- mas concert program at the Archient at the smoker and card party | tects' Club of Chicago on Friday held by the Campus Club on Tues- | evening, December 19. The club day evening, November 25. On ac- was asked to sing by Mr. Parliva, count of the inclement weather '18, who is chairman of the Archi-

A banquet followed by entertain-There were more than plenty of ment will constitute the social

Glee Club members have been ners, gave a lesson to the Georges invited to the banquet and are to give their program at 10:00 p. m.

The address of the Architects' Club is 1801 Prairie Ave.

Five Men Given Salamander Keys

On last Wednesday evening, Deinitiation banquet on Friday, De-cember 3, Salamander, the honorcember 19, to be sponsored by five ary Fire Protection engineering be given Wednesday evening, Dec. of the honorary fraternities at Ar- fraternity, held initiation ceremomour. The chapters included in nies at the Delta Tau Delta House. the arrangements at the present The formal rites were conducted

H. S. Holt.

F. M. James. F. W. Spalding.

P. H. Kesselring. W. M. Trauten.

Professors Finnegan, Holmes and The place has not been definitely Robinson, Mr. J. V. Parker, and

Underwriting Talk by Insurance Examiner

"The Principles of Underwriting" was the subject of the address given by Mr. R. H. Peterson, western examiner of the Springfield Fire and Marine Insrance Company, at the meeting of the F. P. E. society held in Science Hall at 9:30 last Friday morning. About sixty students were present at the meeting, that number being nearly one hundred percent of those eligible.

Mr. Peterson spoke in detail on the various major conditions to be considered in deciding whether or Arrangements were made for the not to insure any certain plant or tain the proper carefulness among

The so-called "housekeeping" conditions of the plant and the This will be the third chapter of type of manufacturing done there the national chemical fraternity, were also mentioned as important Alpha Chi Sigma, to be installed factors in determining the desirability of the risk. By "housekeeping" conditions is meant the cleanliness and tidiness of the plant in general.

The size of the plant is often a Boston Tech in Meet determining factor, since an insurance company cannot accept as a risk, a plant the loss of which sible. would seriously cripple the re-

In closing, Mr. Peterson spoke of the presence of nearby fireproof buildings as a condition which would tend to make an acceptable bid of one that would otherwise be Football, Topic of unattractive.

CALENDAR

Tuesday, Dec. 9

4:30 Alumni-Varsity Basketball Game at the Armory, 35th St. and Giles Ave.

5:00 Orchestra Rehearsal. 7:00 Honor "A" Banquet at the New Southern Hotel.

Wednesday, Dec. 10 2:00 Interfraternity Council meeting in the Tau Beta Pi

rooms. Thursday, Dec. 11 4:30 Chicago Tech vs. Armour

in basketball at the Armory. 5:00 Phi Kappa Sigma vs. Sigma Alpha Mu in the gymnasium.

5:00 Sigma Kappa Delta vs. Kappa Delta Tau in the gymnasium.

Friday, Dec. 12

12:00 Dead line for senior biographies for the Cycle. 5:00 Triangle vs. Theta Xi in the gymnasium.

5:00 Delta Tau Delta vs. Phi Pi Phi in the gymnasium.

Saturday, Dec. 13 Installation of Alpha Psi Chapter of Alpha Chi Sigma in Mission Building.

Fall A.I.E.E. Smoker Set for Wednesday

All members of the Armour branch of the A. I. E. E. are invited to attend a novel smoker to 10, at 8 P. M., at the Sigma Kappa Delta house, 3344 S. Michigan Ave. The social committee has been making extensive preparations to make this a pleasant and eventful evening. The talent for the program has been drawn from the electrical department and one of the features of the evening is to be a song and ukulele act by one of the men of the senior electrical ing are scheduled.

Eta Kappa Nu Gives Candidates Quizzes

Eta Kappa Nu, honorary electrical engineering fraternity, had an Inquisition Smoker last Wednesday evening at the Beta Psi house, 3327 S. Michigan Ave.

The following pledges were examined on electrical and other subjects which were of interest to the actives are: T. B. O'Connor, E. J. Stehno, E. E. Paschke, M. E. Lukey. D. M. Fetterman, M. Fagen, W. Krahl.

There were about twelve alumni present from Armour and other institutions. Later in the evening Semior Biographies it was demonstrated that pledges make good waiters. The informal initiation of these men will take place soon.

Twenty-Three Men Order Senior Jackets

To date only twenty-three men have ordered and been measured for their senior jackets, according to R. N. Wilson, chairman of the committee, although about one hundred men indicated their intention of doing so.

range with Rexford and Kelder Co., tailors, for a second day on which men may be measured for their jackets. The date will be announced both in the News and on the bulletin board as soon as pos-

All seniors who wish to order jackets are urged to speak to any ter. of the members of the committee and to be measured on the day to be announced later.

Schommer's Speech

Professor Schommer addressed the Mid West Chamber of Commerce at the Mid West Athletic Club, Friday noon, November 28. Having received three major letters in football when he attended the University of Chicago, he refereed country, Professor Schommer was ter concert. They are meeting more Ott...... Left Forward quite capable of giving an authoritative and interesting address on "Football."

Orders Being Taken for White Trousers Freshman Injured in

Orders for white flannel trousers, to be worn by members of the Armour Musical Clubs at their Annual Christmas Concert, are being taken by the business manager, E. W. Carlton, '32.

the school and the men of the blood vessel was broken. musical organizations pay one-half blue or black coat is the cus- noon. tomary dress for concerts given by the Armour Musical Clubs.

the business manager.

ANNUAL BASKETBALL BATTLE TO PRECEDE HONOR 'A' DINNER; FORMER TECH STARS COMPETE

Intense Practice in Past Weeks Gives Regulars Advantage in Scrap at Eighth Regiment Armory

FIRST WHISTLE TO BLOW AT 4:30 O'CLOCK

Juniors to Sell Dance Bids Soon

decided upon as the date for the Junior Informal. Although neither a definite place nor an orchestra have been chosen yet, it is definitely known that bids will be out before the Christmas holidays. The social committee, headed by J. J. Casey, C.E. '32, is planning to make this a memorable dance. The other members of the committee:

R. J. Waindle. A. J. Jungels.

G. W. Schodde.

J. E. Bryant.

Must Be in Friday

biographies be in the Cycle box by tor Hofer, and W. Kuffel. They were noon, Friday, December 12th. In present in last year's game, which order that the Cycle may compile was won by the regulars, 37 to 17. its records, each senior is urged to cooperate to the fullest extent. Cooperation on the part of the individual seniors will facilitate the handling of these vital statistics. G. W. Schodde will also take the biographies.

The committee is trying to ar- Press Club to Enroll Members

Men who are literary minded and who desire to join the Press Club should see Dick Kellner, the treasurer of the organization, and sign Dues are fifty cents a semes-

The Press Club was revived recently to provide an organization whose purpose is to stimulate interest among the students for the school's various publications. Men who have served on the staffs of high school publications are particularly welcome.

Orchestra Rehearses for Winter Concert

The orchestra is practicing diligently and late these days in frequently in order that they may Rossing...... Center present a finished program to the Rutkowski.......... Right Guard students when they play a week Gustafson..... Left Guard from Thursday.

Gym Basketball Game

Anthony J. Norgie, '34 C. E., was injured during a basketball game in the local gym Monday, December 1. His collar bone was knocked Club. The affair was attended by The trousers are gotten through out of its normal position and a faculty, alumni, actives, pledges.

the cost price. The wearing of Mercy Hospital, from which he is ton and Mr. and Mrs. G. J. Taylor white in combination with a dark expected to leave tomorrow after- were the chaperones.

A meeting of the Honor "A" So-Announcement as to when tailor | ciety was held yesterday at 2:00 | representatives will be at school to p. m. The principal item of busitake measurements will be made ness at this meeting was a detailed. There will be a meeting of the on the bulletin board. Additional discussion and the formation of Interfraternity Council tomorrow information may be obtained from plans for the annual athletic ban- at 2:00 p. m. in the Tau Beta Pi quet.

Alumni basketeers will again be the guests of Tech varsity in the annual Alumni-Varsity basketball game to be played this evening at the Eighth Regiment Armory, at 35th street and Giles avenue.

The game is scheduled to begin Friday, January 16th, has been at 4:30 p. m., and is the introduction to the Honor "A" banquet which immediately follows the tilt. The banquet will be at 7 p. m. at the New Southern Hotel, 20th street and Michigan avenue.

The game will "break the ice" for the 1930-31 basketball season. The Varsity is expected to be victorious, if precedence can be relied upon. The chief factor of this prediction is that they will be in the pink of condition, while the Alumni will be more or less rusty. A team that has worked together for several weeks in practice is usually a machine which clicks more smoothly in regards to snappy passing and floor work.

The Alumni triple threat men It is imperative that all senior | are Captain William Downes, Vic-

Last year's captain was Otto Kuehn, who played at left forward. King Simpson, noted Armour athlete and seven-letter man, will also appear in the Alumni line-up. Downes and Kuehn are official

referees, but neither will act in this capacity tonight. Clint Osborn will be the arbiter for tonight's game. At any rate, it isn't safe to say that history will repeat itself and it may be predicted that no matter what the outcome, a treat is in store for all concerned, including

the Honor "A" pledges who will be

present. A tentative line-up which is subject to revision has been obtained from the captains of the teams and is listed below. The Varsity will probably be represented by several substitute combinations, and some of the new men may be given an initial tryout in this evening's

game. TENTATIVE LINE-UPS

Alumni Right Forward Downes..... Simpson..... Left Forward Kuffel..... Center Hofer..... Right Guard Manz..... Left Guard

Substitutes for the Alumni are:

Varsity

Shoemaker, Yount, Ahlbeck, Johnson, Brady, Erickson and Kuehn. Truss Club Sponsors Dance; Two Pledged

A house dance was held on Friday. November 28, 1930, by the Truss and friends, and was a pronounced He was immediately taken to success. Mr. and Mrs. E. C. Graf-

The Truss Club has pledged the following two men:

Charles F. Lewis, 33. M.E. Boleslaus W. Job. 33, E.E.

rooms.

Apmour Tech News

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DECEMBER 9, 1930 Vol. VI

A PERSONAL MATTER

It is not the purpose of this article to argue the values or detriments of the prohibition law, nor is its purpose to preach against drinking, but merely to bring to your attention some facts which struck the author as being good common sense. The extracts contained below are taken from an article in The International Student by Henry Louis Smith, former President of Washington and Lee University.

Dr. Smith believes the answer to the liquor problem is not in legislative action, but rather in the personal attitude of the individual toward the benefits he will derive from drinking alcohol. Dr. Smith is supported in this view by a great number of leading educators.

"Five glorious assets enable you to rise above the brute," states the article. "The first is your Godgiven intellect, your power to comprehend, reason. analyze, predict, invent; your ability to plan, organize construct, transform, create. The first touch of alcoho' poisons and benumbs your brain. Drinking alcohol turns a human being into a babbling idiot, a brainless imbecile, a helpless and senseless log in human form and often into an uncontrolled brute, the helpless prey of animal impulses.

"A second asset is your marvelous body, a complex engine whose abounding health and buoyant vigor and vitality make every day's experience a fresh delight. The first touch of alcohol makes a man's body a crippled machine. Alcohol is the direct cause of the degenerative diseases which wreck so many drinkers break the news gently to the widow. when they reach middle age. . . . Every athlete knows that alcohol ruins all chance of victory in athletic contest. . . . Alcohol is a fatal poison to your body."

The last asset which Dr. Smith says is lost through alcohol is our trained ability to master the forces of nature and harness them for our use. In other words, the work of the engineer is impossible when the brain has been numbed by alcohol.

The writer agrees with Dr. Smith in his belief that the drinking question is purely a personal matter, and the abolition of drinking lies not in the passing of laws, but in the education of the individual in the effects of alcohol on him. F. B. A.





"The Slipstick"

Cleave to "The Slipstick"; let the Slapstick fly where it may.

To Whom It May Concern

It is not so hard to get back to work, And the routine of the day, After four whole days of leisure and rest, With Christmas on the way.

Only three more weeks to let slide reports That we plan to make up then. But, Oh my! how fast those two weeks depart, And we're back in school again.

So here is the moral of this piece of verse: To enjoy your recess more, Keep going on that daily work instead Of loafing just before. F. F. S.

Cry of the profs: "They shall not pass."

After terrific struggles, the freshman finally finished his examination paper, and at the end, wrote:

赤 非 称

"Dear Professor: If you sell any of my answers to the funny papers, I expect you to split fifty-fifty with me." F. A. Ustryski, '32

In the physics laboratory the other day the following ensued: O. L. (running around wildly): "I want a graduate!

want a graduate!" J. D. (in other room): "Shut up! That's nothing. We all do." Dutch.

Al says that an adult is a person who has stopped growing at both ends and started growing in the middle.

BANG! SHOOT HIM!

Professor (in chemistry class): "Suppose a man in a hospital woke up around two o'clock in the morning and wanted some hot water. All that he had was a 2 match. How could he get the hot water?"

Student: "I guess he'd have to light the match and then heat the spring in the bed."

Professor: "I take great pleasure in giving you "C" in mathematics.

Student: "Make it 'A' and enjoy youresil."

THE DONOR

Though he was very poor indeed He gave to every one, He gave when there appeared no need, As he had always done.

Despite this generosity His colleagues once or twice Refused his offerings-you see, He only gave advice.

Eddie.

IT PAYS TO ADVERTISE (Sign Along Road)

For Hot Springs Try the Illinois Central

"How come?" said McTavish; "Where's the other "Him and me tossed up to see who'd caddy for you,"

said the boy. "Oh," much impressed with the apparent honor, 'and so ye won, did ye laddie?"

"No, indeed," said the boy, "I lost." A.B.A.

PAGE THE ELECTRICALS

According to Prof. Bentley, the following item once appeared in an inventory sheet of the Institute:

One 10 Gallon Stone Galvanometer Probably a relic of the instruments used in the stone age. Freddie.

Murphy had been careless in handling the blasting powder in the quarry and Duffey had been deputed to

"Mrs. Murphy," said he, "isn't it today the fellow calls for the weekly payment for Murphy's life insur-

"It is," answered Mrs. Murphy. "Well, now, a word in your ear," said Duffey. "Sure ye can snap your fingers at the fellow today."

UNDOUBTEDLY

"Say, boy," a colored convict inquired of his new cell-partner, "when does you-all go out?" "De fust," was the reply.

"Sho nuff?" was the envious response. "De fust ob

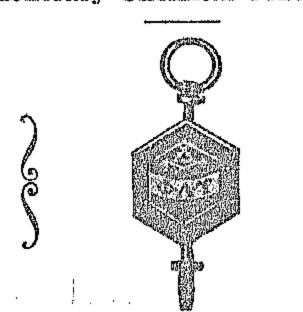
"De fust chance Ah gets."

Extract From Student Semester Theme "Huckleberry Finn was the one and only son of Mr. and Mrs. Finn, the relatives of Mark Twain."

Again we bid good-bye and say hello. So long, pigskin. Howdy, puck. Phil J.

PHI LAMBDA UPSILON

Honorary Chemical Fraternity



In 1899 the honorary chemical society, Phi Lambda Upsilon, was founded by the senior chemistry students at the University of Illinois. The aims of the founders of the fraternity included the installation of chapters of the society in other institutions with the object of promoting high scholarship and original investigation in all branches of pure and applied chemistry. This policy was followed and to date charters have been granted to twenty-eight active chapters and one alumni chapapproximately four thousand.

Upsilon was installed at Armour | series. On the outer band of the Institute in 1920. The founding of emblem is represented the formula the chapter was due, primarily, to of ortho-bromo-toluene as a typithe efforts of two members of the cal aromatic organic compound. faculty, Professor C. A. Tibbals and The pledge ribbons are also appro-Mr. F. C. Smith. Mr. F. C. Smith priate of the purpose as they are sen, '29; Martin Vander Velde, '30; was an instructor in chemistry at the red and blue colors of litmus. that time. Both of these men, hav-| The chapter is meeting regularly ing been members of Phi Lambda and its social program includes a Upsilon in their collegiate days, number of smokers and a banquet. thought it proper that Armour In order to create interest in the should have a chapter. The two aims for which the society stands, organized a group from the Junior a handbook of Chemistry and and Senior classes and petitioned Physics is awarded every year to ter are I. B. Lehman, president; for a charter which they were successful in obtaining. Among the class who has the highest standoriginal members were Professors ing, scholastically. H. McCormack and W. J. Bentley, who was then a student.

Election

The election of students to mem-

bership in Phi Lambda Upsilon takes place at the beginning of each semester. The members of the Junior and Senior classes in chemical engineering and the member of the sophomore class having the highest standing are eligible.

ship, which is determined by av- ent to enjoy the evening. eraging all grades, giving the chemical grades twice the weight pledging of Stanley F. Patla, C. E. of the others. No minimum average and Elmer S. Wegner, M. E. is established, this being governed by the average of the class. 'The vote on scholarship must be unanimous. The personality of the canweighed is described by an extract the Alumni. taken from the National President's address, 1913, "Personality should be considered only in so far as it pertains to good habits, neatness, and honesty—all requisites of a good chemist." A three-fourths vote on personality is necessary.

The emblem of the society is a key, the general shape of which is ter. The total membership is hexagonal. This shape is to represent an important type of or-Omicron chapter of Phi Lambda ganic compounds, i. e., the aromatic

the Freshman of the chemical

The faculty members of Phi guson. Lambda Upsilon are Professors H. Bentley, and Mr. D. S. Ullock.

BETA PSI

Beta Chapter held a radio dance at the house Wednesday, November * The basis of election is scholar- 26. Many of our Alumni were pres-

Beta Chapter announces the

DELTA TAU DELTA

The annual House Formal was didate must also be considered held Saturday, November 13. This Just how personality should be dance is being given especially for

TRIANGLE

Pledge A. Nargie '34, has been confined at Mercy Hospital since Monday, December 1. His collar bone was broken during a basketball game in the school gymnasium. Nargi is expecting to go home tomorrow.

Some of the Alumni who have visited us during the past two weeks are: Norman Beggs, '22, vice president of the National Council; Bill Swanson, '29, and Carl Franks, '28, both of Minnesota; Earle Benson, '25; Henry Christianand Roland Spencer, '30.

Lawrence Crawford, '29, of Purdue; Harold Wahlstrand, '30, and Lloyd Lamping are living at the

The active members of the chap-M. Izaguirre, vice president; F. B. Attwood, secretary; H. Z. Martin, treasurer; I. Drell, and L. J. Fer-

Men pledged this fall are J. O. McCormack, C. A. Tibbals, W. J. Cavanagh, R. H. Blom, E. Field, and W. A. Holland.

MODERN STEPPING INTOOA

Charting tomorrow's telephone needs

Looking ahead — laying a firm foundation for tomorrow's telephone service — has long been a keystone policy of

the Bell System. To illustrate: business starts creeping

into a residential district — a sign that greatly increased telephone facilities will be required. Through intensive studies, commercial engineers forecast the needs

of five or more years hence with scientific accuracy. Additional exchanges, cable ducts, equipment of all kinds are planned and built. When the call comes the telephone company is ready.

So long as the nation continues to change and grow, the plotting of its future telephone needs will never grow dull. The opportunity is there!

BELL SYSTEM



TELEPHONE, NATION-WIDE SYSTEM OF INTER-CONNECTING

News of Prominent Alumni safety keynote

E. W. HOTCHKIN, '10, NOW WESTERN MANAGER

Mr. E. W. Hotchkin, '10, an alumnus of Armour Institute of Tech-annual convention of the A. S. M. nology, has been appointed western E. held in New York City, December manager of the Royal and Queen 1-5, 1930, on the "Evaluation of safe," was the keynote of the talk Insurance Company. Mr. Hotchkin Steam Turbine Oil Stability." Mr. given at the W. S. E. meeting started at the Institute in 1904, Larson is at the present time Su-Thursday, December 4th, by Mr. T. stayed away for two years, and pervising Engineer of the Sinclair Wolfe, district manager of the N.

retary of the Continental Insur- lubrication engineer with the Texas ance Company. He was with the Company, and later became the Royal Insurance Company until chief engineer of the Chicago Dislately. He has now been promoted trict. At the time of the world war to the position of western manager he held the office of Wing Lubricaof the Royal and Queen Insurance tion Engineer, 1st Lieut., Air Serv-Company. His headquarters are in ice, U. S. Army. He joined the Sin-New York, although he is the west- clair Company in 1919. Professor ern manager of the firm.

A. S. HANSEN, '26, MARRIED

Unofficial announcement of the marriage of A. S. Hansen, '26, was received through a picture in the Friday morning paper, following Thanksgiving Day. The following article accompanied the picture:

"HOLIDAY BRIDE-Arthur S. Hansen and his bride, Alice Charlotte Hansen, after their wedding yesterday at the Hamilton Club, of which Mr. Hansen is a member. The service was conducted by the Rev. S. Hawkinson."

tor in mathematics here at the Institute, and at the present time bears the title "Financial Engineer."

John Tarman, '30, and Charles Morris, '30, are both employed in the Research Dept. of Armour and Company.

J. J. Doheny, '27, teaches trigonometry and chemistry at St. Mel High School. He is working on a chemical engineering problem at Tech now, in hopes of obtaining an advanced degree.

Harry Krieger, '28, is now located in Columbus. Harry is with the "Nap" is doing research work in Ohio Inspection Bureau.

Rifle Team Humbles

(Continued from page one) days which was crowded with exams. The weighty subjects on the minds of the sharpshooters it seems took some of the clarity out of their eyes.

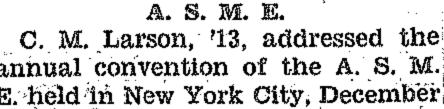
One of the outstanding achievements of the three-match series with the New York Stock Exchange was the crowning of a club champion. The standing for the championship is as follows:

Champion.....S. J. Patla Second......A. H. Helmick Third......D. J. Wilson governed by a committee of five. Fourth.....L. Hackley

The scores of the four highest men in order were: 1130, 1116, 1115 and 1054.

The rifle club has nearly finished its drive for new members. The club has a membership of thirtyseven men at the present time. They are holding a meeting tomorrow to decide a matter of especial interest to the men in the club and the school as well.

A meet will be held with the Lane Technical High School just before the Midwinter Recess. Also a match has been tentatively arranged with the girl's rifle team representing Northwestern University.



C. M. LARSON, '13, ADDRESSES

then graduated as a F. P. E. in 1910. Refining Company. After his grad- A. T. lines. He started work as assistant sec- uation from Armour he became a Daniel Roesch was present at the meeting when Mr. Larson delivered Paavo Nurmi established a record his address.

> John Hommes, '29, founder and first editor of the Tech News, visited school just before the Thanksgiving Holidays and told of unofficial alumni association at Louisville, Ky. Some of the boys down reference to the man-machine the phenomenal results obtained there are Kent Parker, '28; Mac Horn, '28; Dave Smith, '30, and Dick Langan, '28.

Pinsof, '29, to Miss Ruth Lillian miles per hour in an aeroplane. Hansen formerly was an instruc- Goldman of Cleveland has been announced.

> and is stationed at the present the industry. time at Kalamazoo.

Jerome Goldstein, '23, recently tion. announced his engagement to Miss Mary Rose Greenstone.

Another famous derby visited the Institute last Thursday. This was worn by none other than J. J. (Nap) Kara, '30, former track star. Clearing for the Metalwood Com-

Boston Tech in Meet Campus Club Alumni

The fall meeting of the Campus Club Alumni Association was held and Inner-dekoration. Tuesday, December 2, at the Allerton House. The meeting was held primarily to elect officers for the ensuing year and to discuss matters of importance in regard to the future plans of the organization.

The election of officers marks a change in the form of organization from that previously used; the association having been formerly

The officers elected are:

A. J. Frost, '30-President.

H. Stebbins, '30—Vice President.

G. L. Freund, '29-Secretary. C. S. Jones, '28—Treasurer.

The Alumni Association acts in an advisory capacity to the Armour Campus Club. Plans were discussed to place before the student body the purpose of the Club, which is to They are worth your attention. provide a place of gathering for all the students. It is felt that too many of the students have a misconception of the Club, thinking it to be more or less an exclusive organization. It is planned to dispel this view.

OF W. S. E. TALK ABOUT AVIATION

"The present day aeroplane is

Development Reviewed

Mr. Wolfe traced the development of transportation from the crudest form to the latest attempts of Fritz Opel's propulsion by means of quickly expanding gases.

An interesting comparison was made by him of the speeds possessed by man, animals, birds and the man-machine combination of fourteen and one-half miles per hour over a sixty-four mile stretch! Junior class proved to be intensely its kind in the United States. Vathe gazelle attains a speed of sixtyfour miles per hour on the sands nical nature of this topic. The his- moulded from clay and baked in of the Gobi desert, and the swift swallow is credited with one hundred thirty-four miles per hour. In combination, the late Maj. Sea- with modern operation. grave of Great Britain established miles per hour, and another Eng-

Fresh Talent Needed

The speaker pointed out unusual possibilities in the air transporta-Harley (Moon) Mullins, '30, tion field for real engineering taldropped around last week with his ent. To date most of the designs traditional derby. "Moon" is with have been carried on by guess work the Michigan Inspection Bureau, by men who have grown up with

The lecture was part of the W. S E. program on types of transporta-

Arx News

Albert DeLong reports that he enjoyed the Scarab convention in Charlottesville, Va., on November 24, 25 and 26 very much. He attended as Armour's delegate.

The Burnham Library announces Elect New Officers its subscription to some new foreign magazines. Among them are: Die Pyramide, Der Baumeister

> The Thanksgiving holidays brought a great influx of visitors to Chicago. The University of Illinoi: was well represented by the group that congregated in the Burnham Library of the Art Institute, most of them to do some History of Architecture research work.

> Among the visitors were some former Armourites as Martin Braun, Joseph Lundy and others.

While not necessarily an architectural announcement, the following will be of interest to dog lovers. Marguerite Kirmse has the Second Exhibition of Etchings and Drawings of Dogs at the galleries of Carson, Pirie, Scott & Co., from November 25th to December 26th.





CHRISTMAS

with its joy and good will—why not extend its spirit over the whole year? The fund from the sale of Christmas seals in December will carry help and education against tuberculosis throughout all 1931.

The National, State & Local Tuberculosis Associations of the United States

Buy Christmas Scals Fight Tuberculosis

ARMOUR INSTITUTE of TECHNOLOGY SPECIAL RATES TO STUDENTS

OFFICIAL PHOTOGRAPHER

Students Lecture on Communication

Student talks dealing with two methods of international communication were featured at the last meeting of the Armour branch of the A. I. E. E., held on December 1

Senior class, gave a talk on Submarine Telephone and Telegraph Cables. He described some of the problems encountered due to the about two o'clock, the members of high capacity of the cables and the group were shown the comthe tremendous hydrostatic pres- plete cycle of the manufacture. sures encountered on the ocean! The trip was conducted by Mr. phone cable were thoroughly explained.

The talk on Radio Beam Trans- room to finished product. mission by Morton Fagen of the interesting despite the highly tech- | rious types of decorative tile are torical background, telling of the somewhat fruitless efforts in the hundred feet long. Then some of past was strikingly contrasted with

With this system it has been an automobile sped record of 231 found possible to maintain perfect communication for 24 hours daily The engagement of Oscar M. lishman reached a speed of 357 over distances half way 'round the earth, such as from England to Australia. Transmission speeds of 100 to 300 words per minute are used by means of automatic receiving and transmitting equipment.

The high efficiency of the directional system is the immediate effect of concentrating the power sent out in a narrow beam directed at the receiving point.

The instructors in English department of Indiana University who own Ford cars have formed an English Department Ford Club.

F. P. E's See Terra Cotta Manufactured

The entire Junior F. P. E. class visited the plant of the Northwestern Terra Cotta Company, 2525 | Clybourne Ave., last Wednesday | afternoon. Professor Schommer, who was in charge of the inspec-Donald M. Fetterman of the tion trip, entertained the students on the way to the plant with his famous football stories.

After arriving at the factory bottom. The system employed to Singer, who gave a very satisfaccounteract these effects and the tory and interesting explanation of contemplated trans-Atlantic tele- the method by which Terra Cotta is manufactured. The men were shown the process from drafting

This company is the largest of immense ovens, which are four

Character will be the first essential of students selected for the proposed Lincoln University to be built in Westchester County, New York.

We're mad at fortune tellers. One told us we would receive several interesting letters, and we rushed home and were served alphabet

the products are colored by the use of pressure sprays.

The inspection of the clay driers, the batch kiln, and the continuous tunnel kiln proved a valuable supplement to the theoretical knowledge which the students receive at

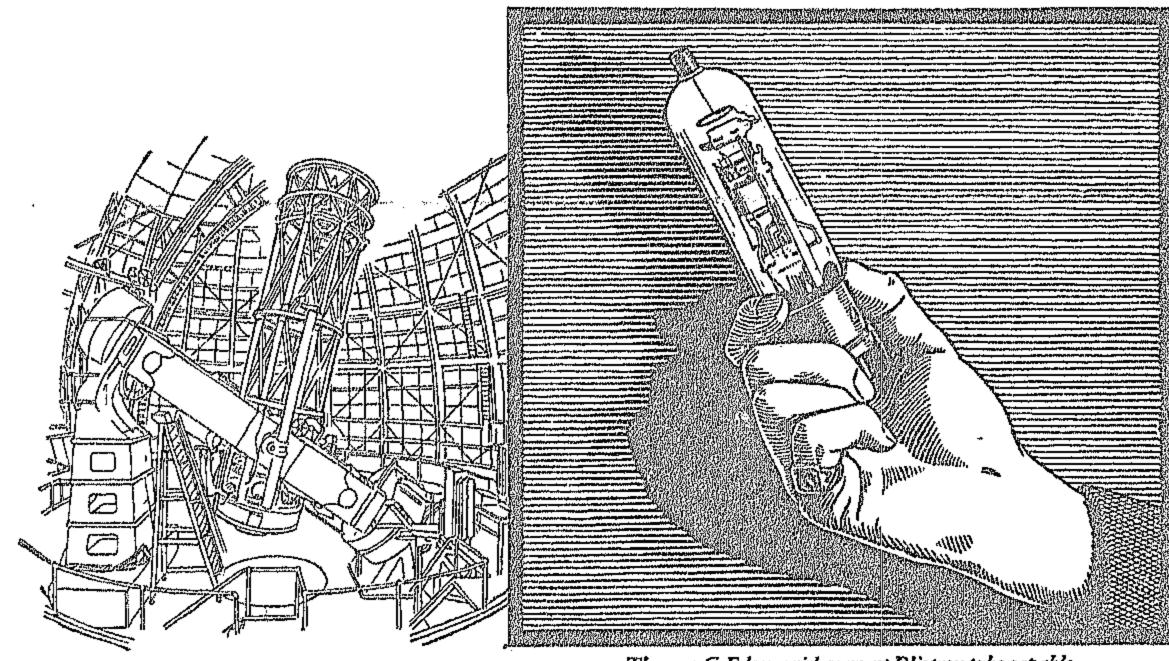
Ralphs Barber Shop 117 E. 35th Street Prompt, Courteous Service NO WAITING

ALICE RESTAURANT 3117 WENTWORTH AVENUE

WHERE QUALITY AND SERVICE REIGN SUPREME HOME COOKING

Student Lunches The Motorists Cafe

Michigan Ave. at 33rd



The new G-E low-grid-current Pliotron tube capable

This Little Tube Measures Stars Centuries of Light Years Distant

GDY MEANS of a new vacuum tube called a low-grid-current Plio-Itron tube, astronomers can gather the facts of stellar news with greater speed and accuracy. In conjunction with a photoelectric tube, it will help render information on the amount of light radiation and position of stars centuries of light years away. It is further applicable to such laboratory uses as demand the most delicate measurement of electric current.

So sensitive is this tube, that it can measure 0.000,000,000,000,000,01 of an ampere, or, one-hundredth of a millionth of a billionth of an ampere. This amount of current, compared with that of a 50-watt incandescent lamp, is as two drops of water compared with the entire volume of water spilled over Niagara Falls in a year.

General Electric leadership in the development of vacuum tubes has largely been maintained by college-trained men, just as college-trained men are largely responsible for the impressive progress made by General Electric in other fields of research and engineering.

JOIN US IN THE GENERAL ELECTRIC PROGRAM, BROADCAST EVERY SATURDAY EVENING ON A NATION-WIDE N.S.C. NETWORK



MEETING OF TRACK TEAM WELL ATTENDED

More Needed to Compete in Field Events of Meets

PAST RECORD GOOD

Twenty-four men responded to the first call for track men at a meeting held last Wednesday afternoon in Science Hall. Coach A. A. Stagg. Jr., and Captains H. L. Fox and F. M. James gave short talks of welcome to the new men.

Stagg's Fifth Year

This is Coach Stagg's fifth year at Armour. At that time five years ago there was very little track timber, but each year has offered better conditions and better teams. Last year's indoor track team compiled the best record in the history of any Armour athletic team. Five dual victories, and a first place in secutive years. the Annual Armour Invitational track meet in which thirteen col- Swimmers Plan to leges in the middle west competed comprised the indoor season last year.

Major and Minor Awards

Major and minor letters are awarded by the recommendation of Coach Stagg. "Minor Letters" were instituted three years ago, and are given to those who have not the best ability for running, but are good stickers and place in the different meets. Major awards are given to the men who repeatedly take places in the meets, and have good "performances in their respective events."

May Practice at Armory

Indoor practice this year will either be held at Bartlett Gymnasium or at the new 124th Field Artillery Armory at 5200 Cottage Grove Avenue. The latter building, dedicated last week, is 115 yards long and 150 feet wide. The girders are 94 feet above the level of the floor, and the seating capacity is approximately 6,000 people.

Four Meets and Invitational

This season there are to be four indoor dual meets besides the Third Armour Tech Invitational Meet, at which about fifteen colleges annually compete. The outdoor meets will begin at the close of the indoor season. Dual meets will probably Wheaton, Y. M. C. A. College, Lake Forest, and Crane Junior College.

excess of track men.

George Jennings Adds

George Jennings, ex '30, again net ranking for the 1930 season.

nings and Gordon Braudt, former several cases he has received weak University of Illinois star, top the excuses in answer to offers of comrating for the second consecutive petition. year.

type construction recommended by on the various aspects of training. health authorities. When the inbe one unit on each floor of the copper has been developed from remain building.

Fraternity Cage Tourney Resumed

On Thursday of this week Armour's ten social fraternities will again resume their annual inter-fraternity basketball tournament. By that time all of the teams will have completed their practice schedule, which afforded each team gym. Some of the teams had exteams.

Two games are scheduled for December 17. The wind-up between strong in the guard positions. the leaders of the two five-team divisions will take place on December 18.

of the Phi Pi Phi house. As a rea team must win the inter-fraternity championship for three con- the center position.

To display a clean, victorious dergrads. record, is the ultimate goal of the mermen this fall. The fact that Coach McGillivray's men emerged victorious in 5 out of 8 skirmishes last season, will give impetus to their fiery determination.

The three set-backs which were administered by the South Chicago Y. M. C. A., Crane College and Culver, were hair splitting decisions squads were composed of championship caliber.

standpoint of points scored are ty odd men who expressed their in-team. more gratifying. The Tech team garnered an aggregate number of points far in excess of that won by their opponents, the totals being, Armour 290, Opposition 219.

In the two meets with Crane, the West Siders were set back to the tune of 39 to 36 in the first, but won by the exceedingly slim margin of one point in a return engagement.

Others Reluctant to Meet Our Pugilists

With the well balanced squad eager to display its wares, Coach be held with Chicago Normal, Weissman has not given up hope of ushering in the 1930 boxing season with a series of bouts in our All men wishing to try out for own ring, before the holidays. Extrack can secure lockers and shoes treme difficulty is being experiat Bartlett Gym. There is still a enced in negotiating with rival agshortage of men in the field events gregations for an engagement at which cannot be overcome by the home. A meet at 5 P. M. which is the logical time to hold the bouts, is met with general objection on the grounds that it is inconvenient. These home meets are preferable to His Tennis Honors as they will stimulate interest in the sport.

It is rumored that there is a recomes into the limelight as a tennis luctancy on the part of several lostar. He was rated second only to cal Y. M. C. A's to fight our men. George M. Lott in the recent city The reputation of our scrappy squad must be wide spread, as In the doubles competition, Jen- | Manager Cannon states that in

Coach Weissman states that he hopes to bring up Messrs. Foyer Five new drinking fountains are and Tanzy, both of whom are being installed in the main build-known in pugilistic circles as "Kid." ing. These are of the latest They will offer invaluable advice

stallation is completed, there will A promising process of welding

THE BOULEVARD CAFETERIA 31st Street and Mich. Ave.

Dining and Dancing from 3 P. M. to Midnight No Cover Charge

Try the New Barber Shop

MOTORIST'S ASSN. CLUB Thirty-third and Michigan J. Edelsteen, Mgr.



Alumni vs. Varsity

on December 12. December 16, and for the Alumni are especially tional sport.

Hofer Is Tough

With Vic Hofer and perhaps Will In the past twelve years the Kuffel guarding the basket the varprize trophy has been in custody sity will be forced to use their long | range guns. Oh, yes, we shouldn't sult of their chain of victories, they forget to mention that Manager have obtained permanent posses- Otto Kuehn and Captain Downes sion of four cups. To win a cup will do duty as forwards with Shoemaker and Wittie to alternate at

> In the game last year Otto's team committed no less than 18 fouls. The varsity conveyed 17 of these

> > A Poke and a Check

What do you know? Some ice bug is attempting to organize an ice hockey team. It'll be poke checking instead of double checking when this idea finally works

115 Up and 115 Back

and were no discredit, as these Stagg as chairman brought forth a wholesale in these hectic contests, an address on "Aviation." He wealth of new material to take the Professor Schommer tells us that pointed out the many and varied the highest institution of learning places of Paul, Sturm, and Kara. Richard E. Meagher has been ap-applications of the principles that The results as viewed from the Equipment was issued to some twen-pointed manager of the 1931 golf concern the Mechanical Engineer town of Laramie 7,000 feet above

Armour Soon to Have Hockey Aggregation

A new sport is soon to make its! Basketball has moved into the four complete teams, were present. lengthy session. one practice session in the school limelight of the sport calendar with At the meeting the men decided to Armour emerged victorious 33-24 awarded a safety? the varsity games attracting con-hold team practice at the Midway in the first tilt. This scrimmage tended their preparatory program siderable attention. This very eve- Hockey Rink on Wednesday nights was termed more or less as a practo practice games with outside ning Mr. Krafft's varsity squad and Saturday afternoons whenever tice game, but the Bakelite Corpormeets the Alumni in the annual there is ice. Some of the candi-ation presented an organized team Alumni-Varsity game. From past dates hail from the northern clime and took the game seriously. Thursday. Other games will follow records a close game should result of Canada where hockey is the na-

ger, and P. W. Bestler, the insti- and Miran. After several minutes gators of the plan, are making ar-Commissioners for the use of the Beemsterboer, MacLennan, Kulfrom either of these men. A meet- ent. ing has been scheduled for the week preceding the Christmas Holidays in order to frame a more intensive practice schedule for that

into scoring markers. Seven bas-tention of doing or dying for dear Better Old Records kets as against 10 by the varsity old Tech. Some real news was unline-up. were hooped by the one-time un-covered when it was announced that the new 124th Field Artillery Armory will be available for practice shortly. The Armory has a straightaway stretch of 115 yards.

Basketball As Is

should be played we recommend chanical Engineers was held in Scithe forthcoming inter-fraternity ence Hall yesterday at 11:30. Mr. tournament. Thrills, chills and ex- C. B. Cole, President of the Chicago A track meeting with Coach citement are supplied by the Division of the Society, delivered

Basketeers Win First Cage Tilt

In the past week Coach Krafft debut at Armour. A group of men put his varsity basketball squad interested in forming an ice hockey through two scrimmages. On Monteam met in Science Hall last Fri- day The Bakelite Corporation proday noon in order to definitely vided the opposition while on Tueswork out the details of the plan. day the University of Chicago staff About twenty-five men, enough for mixed with the Armour team in a

in the Bakelite game comprised of O. T. Barnett, temporary mana- Robin, Link, Rossing, Rutkowski, of playing Krafft sent in other rangements with the South Park members. Gustafson, Lind, Ott, rink. Any men interested in the kowski, and Omiecmski were given new project may get further details an opportunity to display their tal-

The University of Chicago scrim-| mage ended 32-20 in favor of Chicago. Chicago used 16 men in their line-up while Armour confined itself to eight. Moskowitz, Lind, Ott, Miran, Rossing, Beemsterboer, Gustafson, Kukulski, Rutkowski and Omiecmski figured in the Armour

Aviation Talk Given at W. S. E. Meeting

If you care to see basketball as it of the American Society of Me- ball? in this field.

Gridiron Queries

By Professor John J. Schommer

Editor's Note: Professor John J. Schommer, star player, conference umpire, and leading football authority, will answer through this column, any questions on football which are puzzling our readers. Questions may be submitted to the Sports Editor, H. P. Richter, or they may be placed in the Armour Tech News box, which is located in the main building adjacent to the elevator on the first floor.

Question 32. What action is taken on the playing field after a team is

Answer—The team scored against must kick from their 20 yard line.

Question 33. Offensive team A passes the ball which is intercepted by B. Umpire, simultaneously, Coach Krafft's opening line-up blows horn, claiming that Team A was offside. What is the referce's ruline?

> Answer—Team B has the option of taking the result of the play or the distance of the penalty.

Question 34. Offensive team A throws a pass which is intercepted by R of defensive team who catches it out of bounds. Is the pass termed incomplete or does the defensive team take possession of the ball at the point where it went out of bounds?

Answer-The pass is incomplete. Question 35. Is a ball carrier ruled out of bounds if his tracks indicate that he had just touched the white line?

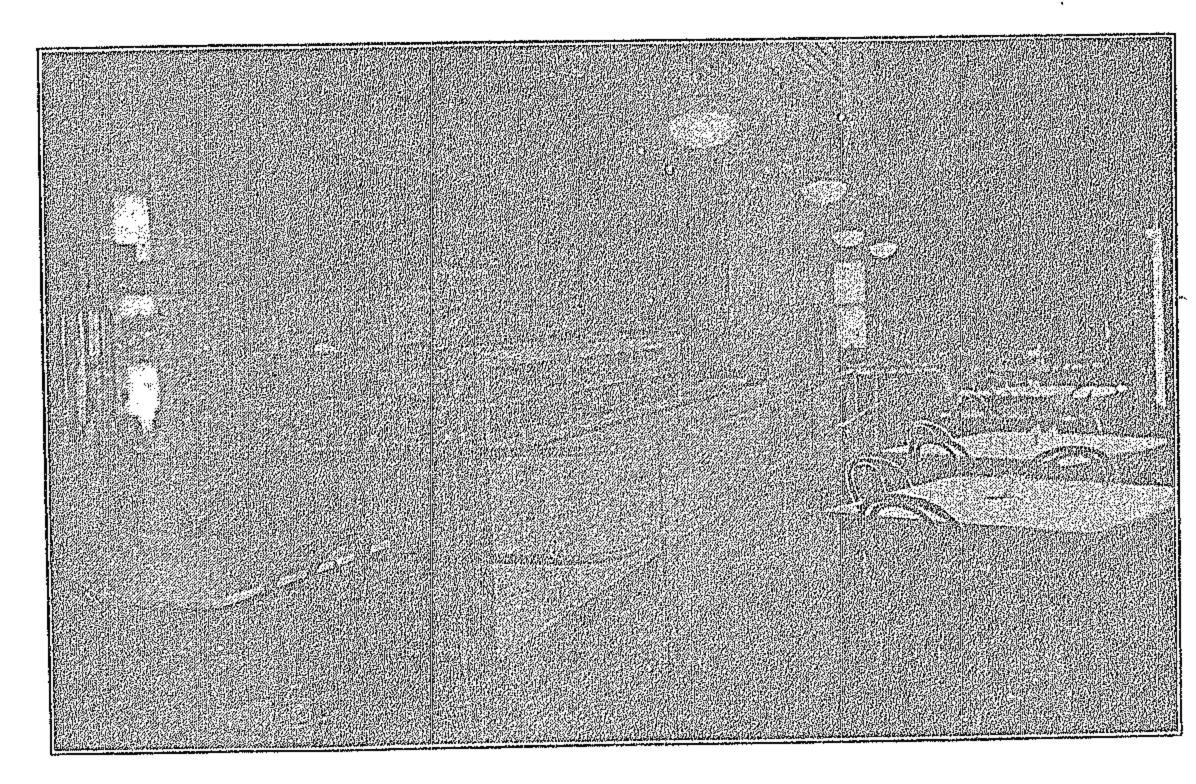
Answer-Yes.

Question 36. Player of Team B intercepts a pass and begins to run for a touchdown. One of the members tackles him, simultaneously A meeting of the Armour Branch | the ball is fumbled. Is it a free

Answer-Yes. Team B can only recover. Team A, however, may recover and advance the ball.

Wyoming claims its university is in the world. It is located in the sea level.

Nooma Hour Refueling



lf you are a harassed Sophomore trying to cram down the last bits of Physics before that 1 o'clock class, your time is at a premium.

Or if you are a Lofty Senior, used to luxury, ease, and the comforts of life, you appreciate the value of well prepared foods which the Armour Cafeteria serves the student, the best in the minimum of time.

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The Armour Caferia

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